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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,973	04/02/2004	Matt S. Nelson	2540-0644	7722
42624	7590	10/02/2007		
DAVIDSON BERQUIST JACKSON & GOWDEY LLP			EXAMINER	
4300 WILSON BLVD., 7TH FLOOR			ENG, DAVID Y	
ARLINGTON, VA 22203			ART UNIT	PAPER NUMBER
			2155	
			MAIL DATE	DELIVERY MODE
			10/02/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/815,973

Applicant(s)

NELSON ET AL.

Examiner

DAVID Y. ENG

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 4/2/2004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### **Claim Rejections - 35 USC § 103**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicants' admitted prior art in view of CrystalLink Wireless KVM Transmitter and Receiver (Applicants' cited prior art).

Applicants admit on pages 1-12 of the specification:

#### **Claims 1,**

A computing system (prior art Figure 2), comprising:

a server rack (prior art Figures 3 and 5) defining card slot locations to receive electronic cards and to align the electronic cards into electronic communication with a back plane (page 4 line 6 to page 5 line 4);

one or more servers (22, Figures 2, 46) located on corresponding ones of the electronic cards and physically interacting with corresponding ones of the slot locations, each said server being coupled to the back plane to receive user command data, being programmed to process the user command data according to application programs operating on said server, and producing a video response( see "video" in the description

of Figure 6 on page 5 of the specification) resulting from said process of the command data according to the application programs;

a digital switch (see the description of digital KVM switch 27 of Figure 6 on pages 5 and 6) in the server rack, including a server port to communicate with the back plane and a wireless port to receive keyboard input information, said digital switch communicating via the back plane the keyboard input information as the user command data directed to a selected server and receiving via the back plane an analog signal identifying the video response from the selected server (signal for identifying video response from a selected server is inherent in a system having a plurality of servers such as the system shown in Figure 6); the digital switch also including a code device to digitize (the prior art digital KVM switch is for digitizing video signal, see line 9-10 of page 5) and encode the analog signal into essentially lossless digital computer video information identifying the video response; and

a management station (see workstations 20 in Figures 2, 4 and 6 and the description of KVM signals transmitted between work stations 20 and the digital KVM switch on pages 1-12) communicating via a wireless access point to the wireless port of the digital switch, said management station creating via user inputs the keyboard input information and communicating said keyboard input information to the digital switch.

The only difference is that the prior art describes a wire digital KVM switch whereas Applicants' is a wireless digital KVM switch. Wireless KVM switch is well known in the art. The brochure of CrystalLink Wireless KVM Transmitter and Receiver teaches a wireless KVM switch for eliminating cable connections. From the teaching of

the brochure, it would have been obvious to a person of ordinary skill in the art to use a wireless KVM switch as taught by the brochure in the prior art system as shown in Figures 2, 4 and 6 so that less cables are used.

**Claims 2-5, 7-11 and 13-19**

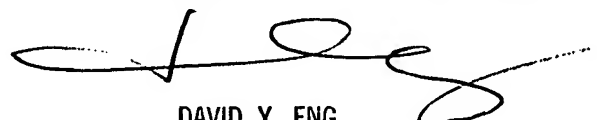
The "wherein clauses" in the claims merely consist of non-functional descriptive materials.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID Y. ENG whose telephone number is 571-272-3984. The examiner can normally be reached on M-F from 8AM to 3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SALEH NAJJAR, can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



DAVID Y. ENG  
PRIMARY EXAMINER